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- Kim, H.C.; Biswas, S.K.;
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Cancel Location in a 2G system for a 3G roamer

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played by the **cancel-location** message. When a **mobile**. re-enters its FLs, besides the above mentioned messages., the HLR sends a FLT-valid message to the MFL ...
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Home **location** register (HLR) of a packet radio network, ... means for storing and **cancelling** information relating to the **location** of **mobile** stations (MS) in ...
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LNCS 3036 - Improved **Location** Scheme Using Circle **Location** ...

else miss, then after transmitting **location** information of the terminal to HLR,. the new VLR transmits registration **cancel** message to old VLR and old CLR; ...
www.springerlink.com/index/ru1ap4buaqga3tcb.pdf - [Similar pages](#)

Mobile terminal identity protection through home **location** register ...

In response to the terminal **location** update information, the HLR 30 sends a request to the old SGSN 20 1 during step 111 to **cancel** the **location** information ...
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[PPT] **Mobile Communications**

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Mobile Registration. HLR. VLR. MSC. MSC. VLR. Terminal. Moves into. area. Send MIN. MIN. Update. **location**. Update. **location**. **Cancel**. **location**. **Cancel** ...
www.eecs.wsu.edu/~smedidi/teaching/Spring05/cpts556-intro.ppt - [Similar pages](#)

[PDF] **Mobile Application Part** protocol implementation in OPNET

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This paper describes OPNET implementation of the **Mobile** MAP-CANCEL-LOCATION:

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Multicast management mechanism for mobile networks - US Patent 7058413

... table including a VLR record table in a home location register (HLR), ... VLR deleting the mobile device's location record and informing the HLR of the ...

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Providing telephone number data for international cellular roamer ...

455/433 Home location registration (HLR) or visitor location ... received converted fully qualified international public numbers by deleting a country code ...

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(WO/1999/043176) METHOD FOR DISCONNECTING A CONNECTION OF A ...

A mobile communication system as claimed in claim 5, characterized by the home location register (HLR) comprising means for adding a predetermined ...

www.wipo.int/pctdb/en/wo.jsp?WO=1999%2F43176&IA=WO1999%

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Arrangement for call forwarding in a mobile services switching ...

During location updating, the HLR is updated with information on which visitor location register VLR area the mobile subscriber is located in. ...

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The 14u IEEE 2003 International Symposium on Personal, Indoor and Mobile Radio Communication After a failure, HLR will remove all of the MSs' location ...

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When receiving an update location message, the HLR will also use the insert ... the HLR should remove the mobile station roaming number (if allocated) and ...

www.3gpp.org/ftp/Specs/2000-09/Ph1/09_series/0902-3B0/380-506.DOC - [Similar pages](#)

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parameters using this service. • MAP-CANCEL-LOCATION: confirmed service used.

between HLR and SGSN to delete a subscriber record from the SGSN. ...

www.ensc.sfu.ca/~ljlja/papers/opnetwork03_vladimir.pdf - [Similar pages](#)

ScienceDirect - Computer Communications : Reducing database sizes ...

Then we have to select a record to delete when a new mobile moves into the RA. The HLR is the location register to which a mobile identity is assigned ...

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Network switching subsystem - Wikipedia, the free encyclopedia

The 'Home Location Register' or HLR is a central database that contains details of each mobile phone subscriber that is authorized to use the GSM core ...

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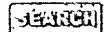


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Jyhi-Kong Wey, Wei-Pang Yang, Lir-Fang Sun

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2 [Reducing location update cost in a PCS network](#)

Yi-Bing Lin

February 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 1**Publisher:** IEEE PressFull text available: [pdf\(354.17 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

Keywords: home location register, mobility management, personal communications services, roaming management, visitor location register

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3 [On optimizing the location update costs in the presence of database failures](#)

Zygmunt J. Haas, Yi-Bing Lin

August 1998 **Wireless Networks**, Volume 4 Issue 5**Publisher:** Kluwer Academic PublishersFull text available: [pdf\(412.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper studies the database failure recovery procedure for cellular phone networks as part of the Electronic Industries Association/Telecommunications Industry Association Interim Standard 41

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1 [A distributed database architecture for global roaming in next-generation mobile networks](#)

Zuji Mao, Christos Douligeris

February 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12
Issue 1

Publisher: IEEE Press

 Full text available: pdf(427.81 KB) Additional Information: [full citation](#), [abstract](#),
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The next-generation mobile network will support terminal mobility, personal mobility, and service provider portability, making global roaming seamless. A location-independent personal telecommunication number (PTN) scheme is conducive to implementing ...

Keywords: database architecture, location management, location tracking, mobile networks

2 [LLS: a locality aware location service for mobile ad hoc networks](#)



Ittai Abraham, Danny Dolev, Dahlia Malkhi

October 2004 **DIALM-POMC '04: Proceedings of the 2004 joint workshop on Foundations of mobile computing**

Publisher: ACM

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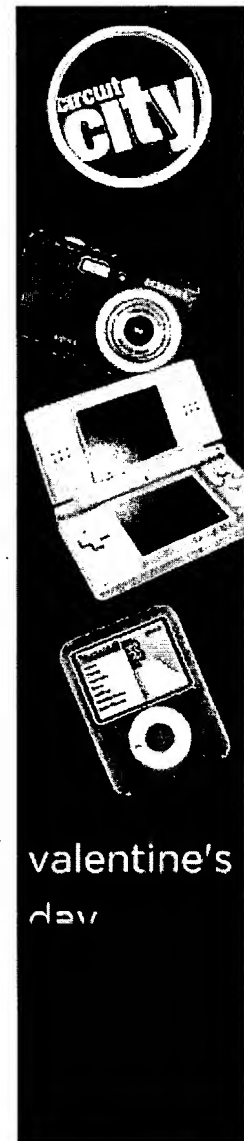
Coping with mobility and dynamism is one of the biggest challenges in ad hoc networks. An essential requirement for such networks is a service that can establish communication sessions between mobile nodes whose location is unknown. A *location service* ...

Keywords: ad hoc networks, location service

3 [Cellular universal IP: a low delay mobility scheme based on universal IP addressing](#)



Patrick P. Lam, Soung C. Liew, Jack Y. B. Lee

October 2005 **MSWiM '05: Proceedings of the 8th ACM international**



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1 [Cell identification codes for tracking mobile users](#)

 Zohar Naor, Hanoch Levy, Uri Zwick
 January 2002 **Wireless Networks**, Volume 8 Issue 1
 Publisher: Kluwer Academic Publishers

 Full text available: [pdf\(261.10 KB\)](#)
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The minimization of the wireless cost of tracking mobile users is a crucial issue in wireless networks. Some of the previous strategies addressing this issue leave an open gap, by requiring the use of information that is not generally available to the ...

Keywords: PCS, mobile, user tracking, wireless

2 [Broadcast protocols to support efficient retrieval from databases by mobile users](#)

 Anindya Datta, Debra E. VanderMeer, Aslihan Celik, Vijay Kumar
 March 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24
 Issue 1
 Publisher: ACM

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Mobile computing has the potential for managing information globally. Data management issues in mobile computing have received some attention in recent times, and the design of adaptive broadcast protocols has been posed as an important ...

Keywords: adaptive broadcast protocols, client-server computing, energy conservation, mobile databases

3 [Cost reduction in location management using semi-realtime movement information](#)

 Guang Wan, Eric Lin
 July 1999 **Wireless Networks**, Volume 5 Issue 4

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